IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	: J. CHUANG ET AL.	Group Art Unit:	UNKNOWN
Serial No.	: 09/480,676	Examiner:	UNKNOWN
Filed	: JANUARY 11, 2000		
For	: SYSTEM AND METHOD FOR DYNAMICALLY ASSIGNING CHANNELS FOR WIRELESS PACKET COMMUNICATIONS		

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on the attached Form PTO-1449, may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. [ ]   For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed.

2. [ ]   For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.

3. [ ]   Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No._____, filed _____.

4. [X] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

   [ ]   37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application or filing date of the continued prosecution application filed concurrently herewith; or

   [ ]   37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or

   [X]   37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits, whichever event occurred last.

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5. [ ] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.

6. [ ] A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

    [ ]   A check in the amount of $240.00 is enclosed in payment of the fee.

    [ ]   Charge the fee to Deposit Account No. 13-4503. Order No. _____. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

7. [ ] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

    a.   one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and

    b.   the attached petition requesting consideration of this Information Disclosure Statement; and

    c.   the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 10 below.

8. [ ] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with:

    a. [ ]   37 C.F.R. §1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue;

    b. [ ]   37 C.F.R. §1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.

    c.   The fee due under 37 C.F.R. §1.17(i)(1) is paid as set forth in paragraph 10 below.

9. [ ] I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

    [ ]   I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

10. [ ] A check in the amount of $130.00 is enclosed in payment of the fee due under 37 C.F.R. §1.17(i)(1).

    [ ]   Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 13-4503. Order No. _____. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

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[X]   The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4503. Order No. 2455-4376US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

Dated: May 5, 2000   By: _____

Michael S. Marcus
Registration No. 31,727

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P.O. Box 4110
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FORM PTO-1449	Attorney Docket: 2455-4376US1	Serial No.: 09/480,676
INFORMATION DISCLOSURE CITATION	Applicant: Chuang et al.	
	Filing Date: 1/11/00	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA	5,497,505	3/5/96	Koohgoli et al.	455	34.1	
	AB	5,802,465	9/1/98	Hamalainen et al.	455	403	
	AC	5,267,261	11/30/93	Blakeney et al.	375	1	
	AD	5,463,657	10/31/95	Rice	375	200	
	AE	5,507,007	4/9/96	Gunmar et al.	455	33.1	
	AF	5,640,395	6/17/97	Hamalainen	370	322	
	AG	5,812,540	9/22/98	Bruckert et al.	370	332	
	AH	5,678,181	10/14/97	Kamachi	455	33.1	
	AI	5,673,259	9/30/97	Quick, Jr.	370	342	
	AJ	5,590,133	12/31/96	Billström et al.	370	349	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation
	AL						☐ Yes ☐ No
	AM						☐ Yes ☐ No

OTHER DOCUMENTS (Including Author, Title, Date, etc.)

	AN	Chuang , "Performance Issues and Algorithms for Dynamic Channel Assignment," *IEEE Journal on Selected Areas in Communications*, Vol. 11, No. 6, Aug. 1993, pp. 955-963
	AO	Chuang et al., "Performance of Autonomous Dynamic Channel Assignment and Power Control for TDMA/FDMA Wireless Access," *IEEE Journal on Selected Areas in Communications*, Vol. 12, No. 8, Oct. 1994, pp. 1314-1323
	AP	Chuang et al., "A Pilot-Based Dynamic Channel Assignment Scheme for Wireless Access TDMA/FDMA Systems," *International Journal of Wireless Information Networks*, Vol. 1, No. 1, 1994, pp. 37-48
	AQ	Srivastava et al., "Packetized Wireless Access for Data Traffic in Frequency Reuse Environments," *PIMRC*, 1996, pp. 1150-1154
	AR	Srivastava et al., "Access Algorithms for Packetized Transmission in the Presence of Co-Channel Interference," *IEEE*, 1996, pp. 121-125
	AS	Baiocchi et al., "The Geometric Dynamic Channel Allocation as a Practical Strategy in Mobile Networks with Bursty User Mobility," *IEEE Transactions on Vehicular Technology*, Vol. 44, No. 1, Feb. 1995, pp. 14-23

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Applicant.

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INFORMATION DISCLOSURE CITATION	Applicant: Chuang et al.	
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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation
	AL						☐ Yes ☐ No
	AM						☐ Yes ☐ No

OTHER DOCUMENTS (Including Author, Title, Date, etc.)

5/5	AN	Borgonovo et al., "Capture Division Packet Access: A New Cellular Access Architecture for Future PCNs", *IEEE Communications Magazine*, Sept. 1996, pp. 154-162
	AO	Borgonovo et al., "Capture-Division Packet Access for Wireless Personal Communications," *IEEE Journal on Selected Areas in Communications*, Vol. 14, No. 4, May 1996, pp. 609-621
	AP	Dunlop et al., "Performance of a Statistically Multiplexed Access Mechanism for a TDMA Radio Interface," *IEEE Personal Communications*, Jun 1995, pp. 56-64
	AQ	Frullone et al., "PRMA Performance in Cellular Environments with Self-Adaptive Channel Allocation Strategies," *IEEE Transactions on Vehicular Technology*, Vol. 45, No. 4, Nov. 1996, pp. 657-665
	AR	Akaiwa et al., "Channel Segregation-A Self-Organized Dynamic Channel Allocation Method: Application to TDMA/FDMA Microcellular System," *IEEE Journal on Selected Areas in Communications*, Vol. 11, No. 6, Aug. 1993, pp. 949-954
	AS	

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